

ABSTRACT OF THE DISCLOSURE

Network setups for a plurality of wireless devices are registered together with their priority order, and a connection request is output based on the priority order. If a response signal to the output connection request cannot be received, a connection request is output to the wireless device with the second highest priority. When a response signal to the connection request can be received, an authentication process is performed with that wireless device, and a network setup with the wireless device is established. When a communication with that wireless device is disabled, the aforementioned process is executed again to detect a device with which communication connection can be established.

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